

Title (en)

WIND SUPPRESSION/REPLACEMENT COMPONENT FOR USE WITH ELECTRONIC SYSTEMS

Title (de)

WINDUNTERDRÜCKUNGS-/ERSATZKOMPONENTE ZUR VERWENDUNG IN ELEKTRONISCHEN SYSTEMEN

Title (fr)

COMPOSANT DE SUPPRESSION/REMPLACEMENT DU VENT À UTILISER AVEC DES SYSTÈMES ÉLECTRONIQUES

Publication

**EP 2567377 A4 20161012 (EN)**

Application

**EP 11778185 A 20110503**

Priority

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- US 77297510 A 20100503
- US 2011035029 W 20110503

Abstract (en)

[origin: WO2011140110A1] Systems and methods to reduce the negative impact of wind on an electronic system include use of a first detector that receives a first signal and a second detector that receives a second signal. A voice activity detector (VAD) coupled to the first detector generates a VAD signal when the first signal corresponds to voiced speech. A wind detector coupled to the second detector correlates signals received at the second detector and derives from the correlation wind metrics that characterize wind noise that is acoustic disturbance corresponding to at least one of air flow and air pressure in the second detector. The wind detector controls a configuration of the second detector according to the wind metrics. The wind detector uses the wind metrics to dynamically control mixing of the first signal and the second signal to generate an output signal for transmission.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] WO 2006117032 A1 20061109 - HARMAN BECKER AUTOMOTIVE SYS [DE], et al
- [A] US 2004161120 A1 20040819 - PETERSEN KIM SPETZLER [DK], et al
- [A] WO 2010048635 A1 20100429 - ALIPHCOM INC [US], et al
- See references of WO 2011140110A1

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